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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Intl. Appl. No. : PCT/JP03/08305  
Applicant : OKADA, Hidechika and Noriko  
Intl. Filing Date : 30 June 2003  
Title : HUMAN IgM ANTIBODY INDUCING APOTOSIS IN HIV-  
INFECTED CELLS AND REMEDY FOR HIV-INFECTION  
Docket No. : 3348/1  
Customer No. : 23638

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Sir:

Attached is an English translation of Replacement Sheet 15 of the Amended Claims as filed under PCT Article 34. Page 16 was canceled in its entirety by the Article 34 amendments.

## REPLACEMENT SHEET

-15-

## CLAIMS

1. A human IgM monoclonal antibody reacting with HIV-  
infected cells, said monoclonal antibody being expressed by  
a gene encoding the monoclonal antibody comprising a H-chain  
variable region with a base sequence represented by sequence  
5 No. 1 and a L-chain variable region with a base sequence  
represented by sequence No. 2.

2. A remedy for HIV infection diseases comprising the  
monoclonal antibody according to Claim 1 as an effective  
10 ingredient.

3. The remedy according to Claim 2 for preventing  
onset of AIDS.

15 4. A cell strain with an accession No. FERM BP-8378 for  
producing human IgM monoclonal antibody reacting with the  
HIV-infected cells according to Claim 1.

20 5. Human IgM monoclonal antibody reacting with HIV-  
infected cells produced by a cell strain with an accession  
No. FERM BP-8378.